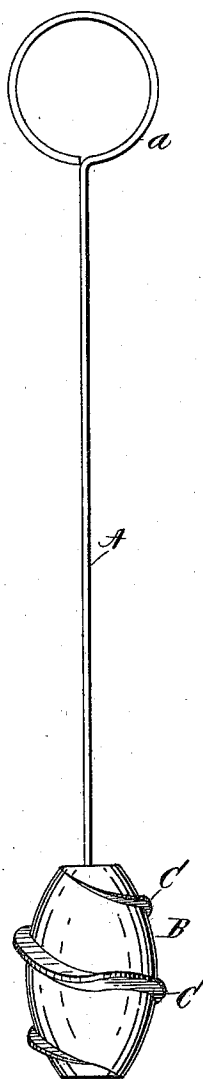


(No Model.)

E. HONEYWELL.
DEVICE FOR CLEANING WASTE PIPES.

No. 579,483.

Patented Mar. 23, 1897.



WITNESSES

John Buckler
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UNITED STATES PATENT OFFICE.

EUGENE HONEYWELL, OF BROOKLYN, NEW YORK.

DEVICE FOR CLEANING WASTE-PIPES.

SPECIFICATION forming part of Letters Patent No. 579,483, dated March 23, 1897.

Application filed December 12, 1895. Serial No. 571,953. (No model.)

To all whom it may concern:

Be it known that I, EUGENE HONEYWELL, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Devices for Cleaning Waste-Pipes, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to devices for cleaning waste and other and similar pipes; and the object thereof is to provide an effective device of this class which is simple in construction and comparatively inexpensive, while being at the same time perfectly adapted to accomplish the result for which it is intended.

In the practice of my invention I provide a pipe-cleaner which comprises a handle composed of a flexible wire or rod or similar device, and to one end of which is secured a rubber cleaner of the form hereinafter described; and the invention is fully disclosed in the following specification, of which the accompanying drawing is a side view of my invention.

Referring to the drawing, A represents a flexible wire rod or bar which I employ, and which may be composed of a single flexible wire or rod or of a number of wires twisted together, and which is provided at one end with a ring or handle *a* and at the other with a head or cleaner B, and which is preferably composed of soft rubber and the body portion of which is circular in cross-section, the ends thereof being of less diameter than the central portion, and said body portion being also provided with a spiral flange or rib C.

Although I have described the cleaner B as

composed of soft rubber, it is evident that other material may be employed, if found to be suitable, and the operation will be readily understood from the foregoing description when taken in connection with the accompanying drawing. The head or cleaner B is inserted into the pipe and passed back and forth therein or therethrough by means of the rod or bar A and the handle *a*, and in this operation the pipe will be cleaned by means of the spiral flange *c*, and the flexible material of which the head B is composed will enable these parts to yield, so as to conform to the size of the pipe and to the inner surface thereof. In this operation the interior of the pipe is cleaned of all deposits thereon, and this operation may be repeated as often as necessary, and it will thus be seen that I accomplish the object of my invention by means of a device which is simple in construction and operation and which is comparatively inexpensive.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

The herein-described cleaning device for waste-pipes, consisting of a flexible rod A, provided at one end with a ring or handle *a*, and at the other end with a soft-rubber head B, having formed thereon a spiral rib or flange C, constructed and adapted to operate as herein set forth and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 11th day of December, 1895.

EUGENE HONEYWELL.

Witnesses:

C. GERST,

S. L. HAWKSHURST.